

52542

**TO:** Board of Acquisition and Contract

**FROM:** Thomas J. Lauro, PE  
Acting Commissioner of Public Works and Transportation

**DATE:** August 9, 2016

**SUBJECT:** Second Amendment to Agreement No. 11-906  
In the matter of Engineering Services in connection with the  
Soil and Vapor Extraction System - Sampling, Analysis, Operations and Maintenance,  
Westchester County Airport, Hangar E-1, Towns of Harrison and North Castle and  
Village of Rye Brook, New York

**Consultant:** Arcadis CE Inc.  
**Amendment Amount:** \$351,315.00

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Pursuant to a Resolution approved on May 12, 2011, the County of Westchester ("County") entered into Agreement Number 11-906 with Malcolm Pirnie, Inc. ("Consultant"), 44 South Broadway, 15<sup>th</sup> Floor, White Plains, New York 10601, commencing on May 30, 2011, wherein the Consultant was to provide engineering services in connection with the Soil and Vapor Extraction System - Sampling, Analysis, Operations and Maintenance, Westchester County Airport, Hangar E-1, Towns of Harrison and North Castle and Village of Rye Brook, New York. The Agreement was thereafter amended by Resolution approved on January 14, 2016, to change the name of the Consultant to Arcadis CE Inc.

Contamination of soil and groundwater by volatile organic compounds ("VOC") was discovered in 2009 beneath the footprint of Hangar E-1. As part of the hangar's renovation in 2010, contaminated soil was excavated and removed from the area for off-site disposal. The excavated areas were backfilled with clean soil and several soil vapor extraction ("SVE") wells were installed inside the hangar. The SVE wells are piped to a blower unit located outside of the hangar's southernmost wall. The blower unit is connected to two granulated activated carbon units which treat the extracted soil vapor before discharging it to the atmosphere. The VOC contaminants being treated by the SVE system include a number of halogenated and non-halogenated compounds. The Consultant has performed sampling, analysis, operations and maintenance of the SVE system since 2011 as required by the New York State Department of Environmental Conservation ("NYSDEC"). The current vapor measurements do not yet meet levels acceptable to the NYSDEC for closure. Continued vapor monitoring of the SVE system will be required until measurements reach levels acceptable to the NYSDEC for closure.

Authority of your Honorable Board is therefore requested to amend the existing Agreement to provide for additional engineering services for the Soil and Vapor Extraction System - Sampling, Analysis, Operations and Maintenance, Westchester County Airport, Hangar E-1, Towns of Harrison and North Castle and Village of Rye Brook, New York. The Consultant shall provide continued technical services associated with this project as required by the NYSDEC. Continued technical services shall include monthly operations and maintenance, periodic vapor-phase carbon change outs, quarterly groundwater sampling, semi-annual vapor sampling, quarterly report submittals, and a final engineering report submittal to NYSDEC.

Board of Acquisition and Contract  
Agreement No. 11-906, Second Amendment  
Soil and Vapor Extraction System - Sampling, Analysis, Operations and Maintenance  
Westchester County Airport, Hangar E-1  
Arcadis CE Inc.  
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The objective of this project is to monitor subsurface contamination at the Westchester County Airport, Hangar E-1. This work is being undertaken in accordance with NYSDEC remediation requirements. This agreement will benefit the public as it will ensure environmental compliance, thereby enhancing the health, safety, and general welfare of the residents of Westchester County.

The engineering discipline encompassed in this Amendment is not new, but rather, it is an integral part of the project that involves the same degree of skill, experience and complexity as the expertise generally described in the original project. Accordingly, this type of engineering discipline was originally contemplated in the Professional Prequalification Board and Professional Selection Board process.

The fee for the above services is for an amount of \$351,315.00 pursuant to an approved budget, bringing the total Agreement plus Amendments to \$834,605.00. The completion date of the Agreement shall be extended to December 31, 2021.

Payment for this contract will be made from the Airport Special Revenue Fund, not the County General Fund and will not impact the County tax levy.

The Department of Public Works and Transportation will track scheduling and accomplishments by the Consultant and perform on-site inspections to ensure the successful completion of this project.

Proposed form of Resolution to accomplish the foregoing is attached hereto.

TJL/JA/AS

# RESOLUTION

Upon communication from the Acting Commissioner of Public Works and Transportation, be it hereby

RESOLVED, that the existing Agreement between the County of Westchester (“County”) and Arcadis CE Inc. (“Consultant”), 44 South Broadway, 15<sup>th</sup> Floor, White Plains, New York 10601, be amended to provide for additional engineering services for the Soil and Vapor Extraction System - Sampling, Analysis, Operations and Maintenance, Westchester County Airport, Hangar E-1, Towns of Harrison and North Castle and Village of Rye Brook, New York. The Consultant shall provide continued technical services associated with this project as required by the New York State Department of Environmental Conservation (“NYSDEC”). Continued technical services shall include monthly operations and maintenance, periodic vapor-phase carbon change outs, quarterly groundwater sampling, semi-annual vapor sampling, quarterly report submittals, and a final engineering report submittal to NYSDEC; and be it further

RESOLVED, that for the additional services rendered in accordance with the Consultant’s proposal, Arcadis CE Inc., shall be paid a fee of \$351,315.00 pursuant to an approved budget, increasing the total maximum fee to \$834,605.00; and be it further

RESOLVED, that the completion date of the Agreement shall be extended to December 31, 2021; and be it further

RESOLVED, that all other provisions of the existing Agreement shall remain in full force and effect; and be it further

RESOLVED, that the County Executive or his duly authorized designee is hereby authorized and empowered to execute any and all documents necessary or appropriate to effectuate the purposes hereof.

Original Agreement	\$	483,290.00	(Technical Services)
First Amendment		0.00	(Name Change)
This Amendment		<u>351,315.00</u>	(Continued Technical Services)
<b>TOTAL</b>	<b>\$</b>	<b>834,605.00</b>	

**Agreement No. 11-906**

Account to be Charged/Credited	Fund	Dept	Major Program, Program & Phase or Unit	Object/ Sub Object	Bond Act No.	Dollars
<i>Year 2016</i>	161	44	4110	4380-APDS	N/A	\$ 28,603.00
<i>Year 2017</i>	161	44	4110	4380-APDS	N/A	\$ 68,647.00
<i>Year 2018</i>	161	44	4110	4380-APDS	N/A	\$ 74,685.00
<i>Year 2019</i>	161	44	4110	4380-APDS	N/A	\$ 108,940.00
<i>Year 2020</i>	161	44	4110	4380-APDS	N/A	\$ 34,700.00
<i>Year 2021</i>	161	44	4110	4380-APDS	N/A	\$ 35,740.00

Budget Funding Year(s): 2016-2021 Start Date: 05/30/11 End Date: 12/31/21  
 (must match resolution)

Funding Source: Tax Dollars: \_\_\_\_\_ Contractor Federal I.D. No./  
 State Aid: \_\_\_\_\_ Social Security No.: \_\_\_\_\_  
 \$ 351,315.00 Federal Aid: \_\_\_\_\_ Vendor No.: \_\_\_\_\_  
 (must match resolution) Other: 100% Airport Special Revenue Fund Encumbrance No.: \_\_\_\_\_